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Results of searching in PCT for:

actuator and charg* near current and discharg* near current: 9 records

Showing records 1 to 9 of 9 :

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[Refine Search](#) **actuator and charg* near current and discharg* near cu**

Title	Pub. Date	Int. Class	App. Num	Applicant
1. (WO 2007/056147) CONTROL AND AN INTEGRATED CIRCUIT FOR A MULTISENSORY APPARATUS	18.05.2007	F21V 33/00	PCT/US2006/042971	S. C. JOHNSON & SON, INC.
A control for a multisensory apparatus comprises means for detecting a number of lights connected to the control. The control further includes means responsive to the detecting means for operating the light(s) connected to the control in either of first and second different modes of operation in dependence upon the detected number of lights connected thereto. Still further, the control includes means for actuating an active material dispenser.				
2. (WO 2007/056119) ACTIVE MATERIAL AND LIGHT EMITTING DEVICE	18.05.2007	F21V 8/00	PCT/US2006/042919	S. C. JOHNSON & SON, INC.
An active material and light emitting device comprises an ultrasonic atomizer assembly (516) and a light emission device (576). The active material and light emitting device further includes a housing (510) containing the atomizer assembly and the light emission device such that the atomizer assembly is disposed above the light emission device. The light emission device emits light that is transmitted through a medial portion of the housing.				
3. (WO 2007/008598) SYSTEM AND METHOD FOR DRIVING AN INDUSTRIAL CONTROL DEVICE	18.01.2007	H01H 47/00	PCT/US2006/026347	ADVANCED ENERGY INDUSTRIES, INC.
A process control apparatus including an actuator configured to effect changes in an industrial process, a power supply, a plurality of current switches coupled between the actuator and the power supply and a controller coupled to the plurality of current switches. The controller is configured to selectively close one or more of the plurality of current switches so as to provide a selectable level of current from the power supply to the actuator . In variations, a plurality of discharge switches are coupled to the actuator and the controller is configured to selectively close the discharge switches so as to provide a selectable level of charge to discharge from the actuator .				
4. (WO 2006/065957) HYBRID-ELECTRIC ENGINE AND COMPONENTS THEREOF	22.06.2006	B60K 6/04	PCT/US2005/045353	TOPE-MCKAY, Cary
Disclosed is a hybrid-electric engine comprising: a mechanical load; a chemical-based motor drivingly connected with the mechanical load for selectively providing mechanical power thereto; an electrical motor drivingly connected with the mechanical load for selectively providing mechanical power thereto; and a data processing system connected with the chemical-based motor and the electrical motor for monitoring the operation of the chemical-based motor and the electrical motor, and for ensuring that when the chemical-based motor is operated, it is operated at approximately its peak efficiency with any excess power being stored in an energy storage system for later use by the electrical motor, and when possible, the electrical motor operates...				
5. (WO 2006/053126) REACTIVE LOAD RESONANT DRIVE CIRCUIT	18.05.2006	H02N 2/14	PCT/US2005/040740	ADVANCED ENERGY INDUSTRIES, INC.
Energy efficient circuitry is provided for rapid transfer of charge to and from a reactive load while avoiding excessive peak currents and significant resistive energy dissipation. For example, circuitry of the invention provides for rapid actuation of a piezoelectric mass flow valve actuator while significantly reducing electrical input power and power dissipation requirements. The invention also features circuitry for recovering a substantial portion of the energy delivered to the reactive load while still permitting rapid cycling of the load drive circuit. Controlling the activation interval of the drive circuitry provides for incremental actuation or positioning of the reactive load.				

RESULT LIST

Approximately **190** results found in the Worldwide database for:
charg* and **current and profile** in the title or abstract
 (Results are sorted by date of upload in database)

11 BATTERY SYSTEM SIMULATION DEVICE OF HYBRID ELECTRIC VEHICLE, CAPABLE OF SHORTENING DEVELOPMENT TIME BY TESTING BATTERY SYSTEM IN REAL TIME BASIS

Inventor: YOUN KIL YOUNG

Applicant: HYUNDAI MOTOR CO LTD

EC:

IPC: **B60L3/00; B60L3/00**; (IPC1-7): B60L3/00Publication info: **KR20050005694** - 2005-01-14

12 Polarization-doped field effect transistors (POLFETS) and materials and methods for making the same

Inventor: MISHRA UMESH K (US); XING HUILI (US);
(+2)

Applicant: UNIV CALIFORNIA (US)

EC:

IPC: **H01L31/00; H01L31/00**Publication info: **US2006231860** - 2006-10-19

13 Method and apparatus for maximizing battery charge

Inventor: SIMPSON RUSSELL L (US); PATINO JOSEPH
(US)

EC: H02J7/00M10B1

IPC: **H02J7/00; H02J7/00**Publication info: **US2006226807** - 2006-10-12

14 No title available

Inventor:

Applicant:

EC:

IPC: **C25D15/02; C25D15/00**Publication info: **RU2004138179** - 2006-06-10

15 POTENTIAL PROFILE MEASURING INSTRUMENT AND IMAGE FORMING APPARATUS WITH THE SAME

Inventor: KINOSHITA HIDEHIKO

Applicant: CANON KK

EC:

IPC: **G03G21/00; G03G21/00**Publication info: **JP2006163182** - 2006-06-22

16 Anode and battery

Inventor: KONISHIIKE ISAMU (JP); KAWASE KENICHI
(JP)

EC: H01M4/58; H01M4/70

IPC: **H01M4/64; H01M4/58; H01M4/58** (+1)Publication info: **US2006110662** - 2006-05-25

17 Multiple pulse cartridge ignition system

Inventor: CRICKENBERGER ANDREW B (US); GHAZI
SALEEM L (US)

EC: F02K9/95; F41A1/02; (+2)

Applicant: ALLIANT TECHSYSTEMS INC (US)

IPC: **F42B3/10; F02K9/95; F41A1/02** (+7)Publication info: **US7047885** - 2006-05-23

18 METHOD FOR DECREASING UNDESIRABLE DARK CURRENT

Inventor: MCGRATH ROBERT DANIEL (US); NELSON
EDWARD TICHENOR (US); (+3)

EC: H04N3/15E6; H01L27/146A; (+1)

Applicant: EASTMAN KODAK CO (US); MCGRATH
ROBERT DANIEL (US); (+4)IPC: **H04N5/217; H04N5/217**Publication info: **WO2006050017** - 2006-05-11

19 Process for manufacturing ethylene oxide

Inventor: MAUVEZIN MATHIAS (FR); POULAIN
CHRISTINE (FR); (+2)

EC: B01J8/00L; B01J8/06H; (+2)

Applicant:

IPC: **F24F3/00; B01J8/00; B01J8/06** (+7)Publication info: **US2006054314** - 2006-03-16

20 SOLID-STATE IMAGING DEVICE

RESULT LIST

Approximately **173** results found in the Worldwide database for:
actuator in the title AND **charg*** and **current** in the title or abstract
 (Results are sorted by date of upload in database)

**1 DRIVING CONTROLLER OF PIEZOELECTRIC ACTUATOR, AND
METHOD FOR DRIVING/CONTROLLING ELECTRONIC DEVICE AND
PIEZOELECTRIC ACTUATOR**

Inventor: SHIOBARA YASUHIRO

Applicant: SEIKO EPSON CORP

EC:

IPC: H02N2/00; G04C3/12; H02N2/00 (+1)

Publication info: JP2007049773 - 2007-02-22

2 Electromagnetic lock actuator and mechanism

Inventor: RATCLIFFE ANTHONY BROTHERTON (GB)

Applicant: PAXTON ACCESS LTD (GB)

EC:

IPC: E05B47/00; H01F7/06; E05B47/00 (+1)

Publication info: GB2429032 - 2007-02-14

**3 Capacitive load's e.g. piezo-actuator, charge changing circuit, has
parallel switched delayed operable clocked output stages, which
exchange charge packets with piezo-actuator and operated in delayed
manner**

Inventor: ERTL MICHAEL (DE); GOTTLIEB BERNHARD (DE); (+3)

Applicant: SIEMENS AG (DE)

EC: H01L41/04B

IPC: H02N2/06; H02N2/02

Publication info: DE102005034163 - 2007-02-01

4 Piezo actuator driving circuit

Inventor: MIN BYOUNG O (KR); HA CHANG W (KR)

Applicant:

EC:

IPC: B41J29/38; B41J29/38

Publication info: US2007008357 - 2007-01-11

5 Actuator and emergency power supply

Inventor: KUNKEL STEFFEN (DE); HERRMANN KARL-GUENTER (DE); (+2)

Applicant: BOSCH REXROTH AG (DE)

EC: H02J7/00C4; H02J9/06C

IPC: H02J7/32; H02J7/32

Publication info: EP1739807 - 2007-01-03

**6 CMOS (complementary metal oxide semiconductor) circuit
arrangement has operating circuit region with decoder to address at
least one of sensor and actuator elements, and evaluation and driver
circuits for sensor and actuator elements**

Inventor: PAULUS CHRISTIAN (DE); THEWES ROLAND (DE)

Applicant: SIEMENS AG (DE)

EC:

IPC: G01N27/49; G01N27/49

Publication info: DE102005027245 - 2006-12-21

**7 ACTUATOR MOTOR CONTROL DEVICE AND CONTROL METHOD IN
LOCKING INTERNAL/EXTERNAL AIR VALVE OF AIR-CONDITIONING
MODULE OF AUTOMATIC TEMPERATURE CONTROLLER FOR
VEHICLE**

Inventor: KIM SUN GU

Applicant: KOREA DELPHI AUTOMOTIVE SYSTEM

EC:

IPC: B60H1/00; B60H1/00; (IPC1-7): B60H1/00

Publication info: KR100392354B - 2003-07-09

8 Actuator

Inventor: NAGAI SHIGEKAZU (JP); SAITO AKIO (JP); (+2)

Applicant: SMC KK (JP)

EC: F15B15/18; F04B1/12F; (+2)

IPC: F16D31/02; F16D31/02

Publication info: US2006207247 - 2006-09-21

9 ACTUATOR DRIVE CIRCUIT

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actuator

Í AND

AND

charge discharge

AND

AND

current profile

AND

AND

Date of publication of application --- e.g. 19980401 - 19980405

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IPC --- e.g. D01B7/04 A01C11/02

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**Search****Stored data**

	Type	Hits	Search Text	DBs
1	IS&R	429	(310/318).CCLS.	USPAT
2	BRS	70	piezoelectric adj1 transformer and (first or high) adj2 voltage adj2 output and (second or low or other or another) adj2 voltage adj2 output	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
3	IS&R	58	(310/318).CCLS.	FPRS; EPO; JPO; DERWENT; IBM_TDB
4	IS&R	41	(310/318).CCLS.	US-PGPUB
5	BRS	49	first adj1 piezoelectric adj1 transformer and second adj1 piezoelectric adj1 transformer	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
6	BRS	256	piezoelectric adj2 "power supply"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
7	BRS	490	piezoelectric adj1 transformer and (first or high) adj2 (output or voltage) and (second or low) adj2 (output or voltage)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
8	BRS	3	piezoelectric adj2 "power supply" and (first or high) adj2 output and (second or low) adj2 output	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
9	BRS	17	piezoelectric adj2 "power supply" and (first or high) adj2 voltage and (second or low) adj2 voltage	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
10	BRS	29	piezoelectric adj1 transformer and (first or high) adj2 output adj1 voltage and (second or low) adj2 output adj1 voltage	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
11	BRS	241	emi adj3 "power supply"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
12	IS&R	1	("6182340").PN.	USPAT

13	BRS	10	emi adj3 "power supply" and commutation	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM TDB
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	Type	Hits	Search Text	DBs
14	BRS	0	emi adj3 "power supply" same commutation	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM TDB
15	BRS	59	"piezoelectric transformer" and "power factor"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM TDB
16	IS&R	1	("7019993").PN.	USPAT
17	IS&R	1	("7095158").PN.	USPAT
18	BRS	0	emi adj3 "power supply" same commutator	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM TDB
19	BRS	2	actuator same charg\$3 adj2 stage same discharg\$3 adj2 stage	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM TDB
20	IS&R	0	(310/316.03).CCLS.	FPRS; EPO; JPO; DERWENT; IBM TDB
21	IS&R	23	(310/316.03).CCLS.	US-PGPUB
22	BRS	237	actuator same charg\$3 adj2 current same discharg\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM TDB
23	IS&R	87	(310/316.03).CCLS.	USPAT
24	IS&R	1	("5130598").PN.	USPAT
25	BRS	376	current adj2 control same charg\$3 and actuator	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM TDB
26	BRS	84	charg\$3 same discharg\$3 same current adj2 profile	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM TDB
27	IS&R	1	("6031707").PN.	USPAT

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8	2007/07/24 09:43				S7
9	2007/07/24 09:49				S8
10	2007/07/24 09:50				S10
11	2007/07/24 15:10				S14
12	2007/07/24 14:17				S12

	Time Stamp	Comments	Error Definition	Errors	Ref #
14	2007/07/24 15:11				S15
15	2007/07/24 15:14				S18
16	2007/07/24 14:12				S11
17	2007/07/24 15:09				S13
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20	2007/07/25 10:32				S21
21	2007/07/25 10:32				S20
22	2007/07/25 10:43				S23
23	2007/07/25 10:30				S19
24	2007/07/25 10:53				S25
25	2007/07/25 11:05				S27
26	2007/07/25 11:05				S26
27	2007/07/25 10:50				S24